

# **Washing machine friction damper - has friction lining on push rod with free axial movement and higher friction coefft. against housing than against push rod**

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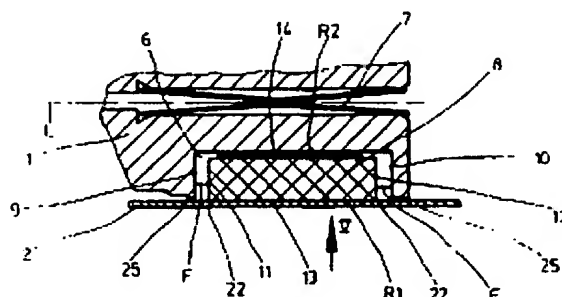


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## **Abstract of DE4014166**

The friction damper, esp. for a washing machine or spin drier, has a friction lining (8) fitted between two axially displaced limit stops (9, 10) to give a free movement (F) between them. The friction coefficient (R1) between the friction lining (8) and the guide housing (2) is greater than the friction coefficient (R2) between the friction lining (8) and the push rod (1). The lower friction coefficient (R2) is effective only at the oscillating amplitudes within the free movement (F). On oscillating amplitudes which exceed the free movement (F), the larger friction coefficient (R1) comes into effect. **ADVANTAGE** - The mechanism gives a generally true running for the washing machine or spin drier, with the lowest possible damping. This reduces noise levels within a simple structure.



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